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PATENT

Attorney Docket No. 46107-0098

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,922,628 B2
Issued: July 26, 2005
Name of Assignee: Visteon Global Technologies, Inc.
Inventor(s): Guoming G. Zhu et al.
Title of Invention: IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS

REQUEST FOR CERTIFICATE OF CORRECTION OF
PATENT FOR PATENT OFFICE MISTAKE (37 C.F.R. § 1.322(a))

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Attn: Decision and Certificate of Correction
Branch of the Patent Issue Division

Certificate
AUG 19 2005
of Correction

Dear Sir:

It is requested that a Certificate of Correction be issued to correct errors found in the above-identified patent. Attached hereto is a Certificate of Correction, in duplicate, which indicates the following requested corrections:

Column 1, line 54 (Application page 2, line 11) "diagnostic" should be --diagnostics--.

Column 2, line 4 (Amendment dated March 14, 2005, page 2, paragraph 0009, line 1) after "invention" insert --,--.

Column 3, line 8 (Application page 4, line 22) "access" should be --assess--.

Column 3, line 53 (Application page 6, line 7) "circumstance" should be --circumstances--.

Column 7, line 63 (Application 14, line 3) "INTC₁₂" should be --INTC₁₂--.

Column 8, line 8 (Application page 14, line 10) "INTC₁₂" should be --INTC₁₂--.

Column 8, line 12 (Application page 14, line 13) "INT₁₂ = $\int \text{Ion}(t) dt \times \text{PWM}_{\text{DC}} = \int \text{Ion}(\theta) d\theta \times \text{PWM}_{\text{DC}} / (6 \times \text{RPM})$ " should be --INT₁₂ = $\int \text{Ion}(t) dt \times \text{PWM}_{\text{DC}} = \int \text{Ion}(\theta) d\theta \times \text{PWM}_{\text{DC}} / (6 \times \text{RPM})$ --.

Column 8, line 18 (Application page 14, line 18) "INTC₁₂ = $\int \text{Ion}(\theta) d\theta = 6 \times \text{RPM} \times \text{INT}_{12} / \text{PWM}_{\text{DC}}$ " should be --INTC₁₂ = $\int \text{Ion}(\theta) d\theta = 6 \times \text{RPM} \times \text{INT}_{12} / \text{PWM}_{\text{DC}}$ --.

Column 8, line 20 (Application page 14, line 20) "INTC₁₂" should be --INTC₁₂--.

Column 11, line 47 (Application page 21, line 3) "TH_{PC}" should be --TH_{FC}--.

Column 12, line 1 (Application page 21, line 17) after "assembly" insert --threshold TH_{FC}, the diagnostic subroutine determines that the ignition coil/ion-sensing assembly--.

Column 15, line 23 (Application page 28, line 3) "PFT" should be --PFI--.

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Column 15, line 32 (Application page 28, line 10) "band" should be --bank--.
Column 15, line 50 (Application page 28, line 21) "is" should be --if--.
Column 16, line 28 (Application page 30, line 5) "change" should be --changes--.
Column 17, line 42, Claim 5 (Amendment dated March 14, 2005, page 6, Claim 5, line 4)
"soil" should be --coil--.
Column 20, line 14, Claim 14 (Amendment dated March 14, 2005, page 11, Claim 14, line
9) ";" should be --:--.

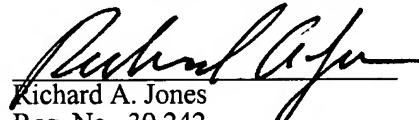
It is believed that there is no charge for this request since the Applicants were not responsible for such errors. However, the Assistant Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 04-1061. A duplicate copy of this communication is enclosed for that purpose.

Respectfully submitted,

DICKINSON WRIGHT PLLC

Date: 8/12/05

1901 L Street N.W.
Suite 800
Washington, DC 20036
(248) 433-7285


Richard A. Jones
Reg. No. 39,242

RAJ/gmp
Enclosures

BLOOMFIELD 46107-98 707657v1

AUG 23 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,922,628 B2

DATED : July 26, 2005

INVENTOR(S) : Guoming G. Zhu et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, line 54, "diagnostic" should be --diagnostics--.

Column 2, line 4, after "invention" insert --,--.

Column 3, line 8, "access" should be --assess--.

Column 3, line 53, "circumstance" should be --circumstances--.

Column 7, line 63, "INTC₁₂" should be --INTC₁₂--.

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Column 8, line 12, "INT₁₂ = $\int \text{Ion}(t) dt \times \text{PWM}_{\text{DC}} = \int \text{Ion}(\theta) d\theta \times \text{PWM}_{\text{DC}} / (6 \times \text{RPM})$ " should be --
INT₁₂ = $\int \text{Ion}(t) dt \times \text{PWM}_{\text{DC}} = \int \text{Ion}(\theta) d\theta \times \text{PWM}_{\text{DC}} / (6 \times \text{RPM})$ --.

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Column 16, line 28, "change" should be --changes--.

Column 17, line 42, Claim 5, "soil" should be --coil--.

Column 20, line 14, Claim 14, ";" should be --:--.

MAILING ADDRESS OF SENDER: Richard A. Jones, Reg. No. 39,242
Dickinson Wright PLLC
1901 L Street N.W., Suite 800
Washington, D.C. 20036

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 23 2005